

DAQ R&D interests Sussex

Primary focus: Simulations

(Tasks under 'data selection investigation' for the just formed data selection group)

- *Trigger primitive generation*
- *Clustering*
- *Trigger simulation and algorithm development (focus on low-energy signals, SN, SNDB, solar neutrinos)*

Secondary focus: Hardware

(Tasks under 'data selection demonstration' for the just formed data selection group)

New activity for the group

- *Implementation in FPGA*
- *Bump-on-a-wire*
- *Participation in protoDUNE to test algorithms*

Available personnel

Academics

Jeff Hartnell (25%)

Simon Peeters (20%)

PDRA

Pierre Lasorak (starts early May) (100%)

PhD support

Tyler Alion (25%)

Alex Booth (75%)

Aran Borkum (100%, starts in Sept)

Technical support

Richard White (fraction tbd, CG)